MULTIMEDIA UNIVERSITY*

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2022/2023 (TERM ID 2230)

BBF3144 – INTRODUCTION TO FINANCIAL TECHNOLOGIES

(All Sections/Groups)

4 OCTOBER 2023
9.00 a.m. – 11.00 a.m.
(2 Hours)

INSTRUCTIONS TO STUDENT

1. This question paper consists of 2 pages with 4 Questions.
2. Attempt all **FOUR** questions. The distribution of the marks for each question is given.
3. Please write all your answers in the Answer Booklet provided.

QUESTION 1

(a) Briefly explain **ONE (1)** capability of blockchain with example(s).

(5 marks)

(b) Discuss **FOUR (4)** characteristics of decentralised finance (DeFi) with example(s).

(20 marks)

(Total: 25 marks)

QUESTION 2

(a) Discuss **FIVE (5)** types of cryptocurrencies approved by securities commissions in Malaysia.

(5 marks)

(b) Describe the revenue model of P2P lending platform.

(4 marks)

(c) Discuss **FOUR (4)** reasons why robo-advisory is important.

(16 marks)

(Total: 25 marks)

QUESTION 3

(a) Distinguish between structured data and unstructured data with example (s).

(9 marks)

(b) Discuss **FOUR (4)** fintech applications of artificial intelligence (AI) with example(s).

(16 marks)

(Total: 25 marks)

Continued ...

QUESTION 4

(a) Discuss A* Search algorithm as a general problem-solving technique. Please draw the diagram.

(12 marks)

(b) Discuss **THREE (3)** types of services offered by a cloud provider.

(9 marks)

(c) Explain **FOUR (4)** types of variables used in Python.

(4 marks)

(Total: 25 marks)

End of Paper